

**Masons Pointe Lot 15**

<b>Bench Mark</b>	is = 100.00		Location of BM EIP		<b>Elevation Head</b>	5.40			
<b>Pump tank elev.</b>	100.00		<b>Pump elev.</b>	94.60		<b>Manifold elev.</b> 98.50			
<b>line</b>	<b>color</b>	<b>rod read</b>	<b>Elevation</b>	<b>length</b>	<b>hole size</b>	<b>flow/tap</b>	<b>gal/day</b>	<b>trench area</b>	<b>LINE LTAR</b>
4	Pink	2.50	97.50	130	3/4in SCH 40	12.5	186.86	390	0.4791
5	Orange	2.80	97.20	145	3/4in SCH 40	12.5	186.86	435	0.4296
6	Blue	3.20	96.80	90	1/2in SCH 40	7.11	106.28	270	0.3936

<b>total</b>	<b>feet =</b>	<b>365</b>	<b>gal/min =</b>	<b>32.11</b>	<b><u>LTAR =</u></b>	<b>0.4000</b>
					<b><u>LTAR + %5</u></b>	<b>0.4200</b>
		<b><u>Des. Flow</u></b>	<b>480</b>		<b>(ltar W/ INOV)</b>	<b>0.5333</b>
		<b>Pump Run=</b>	<b>14.95</b>		<b>(ltar W/ INOV + 5%)</b>	<b>0.5600</b>
		<b>Tank Gal/IN</b>	<b>19.65</b>			

**Masons Pointe Lot 15  
Repair**

<b>Bench Mark</b>	is = 100.00		Location of BM EIP		<b>Elevation Head</b>	4.4			
<b>Pump tank elev.</b>	100		<b>Pump elev.</b>	94.6		<b>Manifold elev.</b> 99			
<b>line</b>	<b>color</b>	<b>rod read</b>	<b>Elevation</b>	<b>length</b>	<b>hole size</b>	<b>flow/tap</b>	<b>gal/day</b>	<b>trench area</b>	<b>LINE LTAR</b>
1	Red	2.00	98.00	95	3/4in SCH 80	10.1	138.12	285	0.4846
2	Purple	2.10	97.90	105	1/2in SCH 40	12.5	170.94	315	0.5427
3	Yellow	2.30	97.70	110	3/4in SCH 40	12.5	170.94	330	0.5180

<b>total</b>	<b>feet =</b>	<b>310</b>	<b>gal/min =</b>	<b>35.1</b>	<b>LTAR =</b>	<b>0.4000</b>
					<b>LTAR + %5</b>	<b>0.4200</b>
		<b>Des. Flow</b>	<b>480</b>		<b>(ltar W/ INOV)</b>	<b>0.5333</b>
		<b>Pump Run=</b>	<b>13.68</b>		<b>(ltar W/ INOV + 5%)</b>	<b>0.5600</b>
		<b>Tank Gal/IN</b>	<b>19.65</b>			